Dear Dow Chemical, I have a proposal for the remediation of the Tittabawassee River and the Saginaw River in Midland, Michigan that is contaminated with the chemical known as Dioxin. In a world filled with ever-growing pollution, our approach to landscapes damaged by hazardous chemicals and pollutants must be redesigned. How we approach our waste and where we dump it should be required to benefit the future populations. We benefit ourselves when we allow the land to thrive. I believe Bioremediation is an important shift industry must consider if we want more than just to survive. Luckily, with modern science, new research studies have found that nutrients can be restored while toxic chemicals are pulled out of the soil and metabolized by a cost-effective organism that has been around for millions of years! Paul Stamets; a famous Mycologist, has done countless studies on the breakdown of toxic waste, heavy metals, persistent organophosphates, PAHs, PCBs, dioxins, urban runoff, and other forms of human waste using Mycorestoration. I would like to request the use of mycelium; a mushroom fungus, to clean up the Dioxin within the sediments. Studies show that the King Oyster Mushroom and the Turkey tail mushroom produce enzymes that can cause toxins to deteriorate. Paul Stamets book, "Mycelium Running", births simple solutions by using is mycelial mats, inoculated woodchips, burlap sack filled with mycelium, etc. With a little research on finding the best strategy, this river can thrive again. Stamets website, Fungi.com can provide you with everything you need to start the turn around of this Superfund site. The costs are minimal in the comparison of shipping the waste away. I think it is to your benefit to look into this option.

Thank you, [redacted]. A student in pursing Ecological Restoration.